

DERWENT-ACC-NO: 2001-522734

DERWENT-WEEK: 200456

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TITLE: Cleaning device for use with brick  
and stone cutting  
equipment

INVENTOR: SPRAAKMAN, R

PATENT-ASSIGNEE: SPRAAKMAN R[SPRAI]

PRIORITY-DATA: 2000AU-0005737 (February 21, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	
LANGUAGE	PAGES	MAIN-IPC
AU 772000 B2	April 8, 2004	N/A
000	B01D 021/02	
WO 200162362 A1	August 30, 2001	E
018	B01D 021/02	
AU 200133485 A	September 3, 2001	N/A
000	B01D 021/02	

DESIGNATED-STATES: AE AG AL AM AT AU AZ BA BB BG BR BY BZ  
CA CH CN CR CU CZ DE  
DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG  
KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE  
SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW AT BE CH CY DE DK EA ES FI  
FR GB GH GM GR IE  
IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

APPLICATION-DATA:

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APPL-DATE		
AU 772000B2	N/A	2001AU-
0033485	February 15, 2001	

AU 772000B2	Previous Publ.	AU 200133485
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WO 200162362A1	N/A	2001WO-
AU00143	February 15, 2001	
AU 200133485A	N/A	2001AU-
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ABSTRACTED-PUB-NO: WO 200162362A

**BASIC-ABSTRACT:**

NOVELTY - The cleaning device (10) includes a water recirculating system including a container having partitioned water supply (18) and water return (20) chambers. The container partially removes particulate matter carried in the water and has a ball cock apparatus (24) for replenishment of water lost to the system. The partial removal of particulate matter carried in the water is effected by use of a baffle that serves both to slow down the flow of water, thereby allowing further settling of slower moving particles to take place and also as a filter to remove some of the remaining particles.

USE - For use with brick saws where water is used for cooling purposes and also to carry away particulate matter generated during operation of the saw.

ADVANTAGE - Minimises water consumption while disposing of both the water used and the dust and particulate matter generated in an economically acceptable and

environmental responsible manner.

DESCRIPTION OF DRAWING(S) - The figure shows a perspective view of the device.

cleaning device 10

water supply 18

water return 20

ball cock apparatus 24

CHOSEN-DRAWING: Dwg.1/5

TITLE-TERMS: CLEAN DEVICE BRICK STONE CUT EQUIPMENT

DERWENT-CLASS: P64

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N2001-387383